Use Attainability Analysis

for

WBID 0441 Big Muddy Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

Data Sheet A - Water Body Identification

2005 JUN 23 AM 7: 06

Water Body Name:		- /	WATER PROTESTION PROGRA
(from USGS 7.5' quad) Bx	e muddy Creek		and the second of the second
	•		······································
8-digit HUC: 102 30101	<u></u>		
Missouri WBID#: 0441			
County: Druzess			·
Upstream Legal Description:			
Downstream Legal Description:		<u> </u>	
Upstream Coordinates:			·
(UGS 84, ddd.ddddd)	40.09591	-93.94520	
Downstream Coordinates:	20 40622	-93,937/8	EDM
(UGS 84, ddd.ddddd)	39,97523	-93,737/8	
Discharger Facility Name(s):			
Discharger Permit Number(s):			
Number of Sites Evaluated:	П		
Name of Surveyor and Telephone	Number: Rochard .	Duehrow	
Organization: DNR - WP	9		
Position: 5Tm Brolog	tas		·
		•	·
, the undersigned, hereby aff	irm to the best of my kno	owledge, that all informs	tion reported on this UAA
latasheet is true and accurate		anneage, that all milet me	mon reported on this CAA
	, -		
signed: Kun welvo	~	Date:(22/	105
-			

Big Muddy Creek (C) #0441 Daviess County FOREST AVE HARBOR AVE IVORY AVE JULY AVE 0441-005 JUMP RD Legend 0441-007 Roads **Classified Waterbodies** 0.5

■ Miles

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBI	D#: 04	11- 901		Site Location	n Desc	cription:	
Site GPS Coor	dinates: 🁊	0.09591 -9	3,549	520 Hwy (0 6	7 <i>l</i> s	
Date & Time:	6/19/	05 1305	wes.	Facility Nam	ne:		
Personnel: 🐍				Permit Numi			
Current Weath	er Conditio	Ons: Clear		Weather Cor	ndition	is for Past 7 days: Rago	- Clene last 5 day
Photo Ids: Up	stream: ۱0	Dow Dow	nstrean/	1. 100-0030 C	Other:		
Uses Observed			·····				
Swimming	-	Skin diving	E	☐ SCUBA diving		☐ Tubing	☐ Water skiing
☐ Wind surfi	ng	☐ Kayaking		☐ Boating		☐ Wading	☐ Rafting
☐ Hunting	-	☐ Trapping		☐ Fishing		None of the above ocumentation of evidence	☐ Other:
Surrounding C	Condition	s*: (Mark all that p	oromote	or impede recreation	nal use	es. Attach photos of evider	nce or unusual
☐ City/count	y parks	☐ Playgrounds	Ом	OC conservation land	ds	☐ Urban areas	☐ Campgrounds
☐ Boating ac	cesses	☐ State parks	□ Na	tional forests		☐ Nature trails	☐ Stairs/walkway
☐ No trespass	sign	☐ Fence	G⊒∕Ste	ep slopes		Fother: Pungl-Pa	stureland
Evidence of H	ıman Use	e*:					
☑ Roads		☐ Foot paths/prin	nts	☐ Dock/platform		☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swin	gs	☐ Camping Sites	3	☐ Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # ONAN-OON:

ream Morpholog Upstream View l		nensions:	•			
☐ Riffle Width		Length (ft):	Avg. Depth (f	ît):	Max. Depth (ft):	
□ Run Width	ft):	Length (ft):	Avg. Depth (f	ft):	Max. Depth (ft):	
Pool Width	(ft): 10'	Length (ft):	50 Avg. Depth (I	R): _o'	Max. Depth (ft):	3.0'
Flow Present		G1/10	Estimated (ft ³	/sec):		
Downstream Vic	w Physical	Dimensions:				
□ Riffle Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	·
☐ Run Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Pool Width	(ft): \5'	Length (ft):	Avg. Depth (ft): 1.0'	Max. Depth (ft):	3.6
Flow Presen		⊠ No	Estimated (ft	³ /sec):	-	
quatic Vegetation vater Characteric Odor: Color:	n*; (note amo		% Sand 35 algal growth at the asse	% Silt ssment site) None	% Mud/Clay	% Bedrock
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	☐ None	☐ Other:	<u> </u>
Surface Deposit:	□ Oil	□ Scum	☐ Foam	⊠None	☐ Other:	
This information is no	ot to be used so anding of wate ion use analysi	lely for removal of er conditions. Cons s but may point to c	(including information of conditions that need further than the condit	nation but rathe on is not intend her analysis or	er is to provide a more led to directly influence that effect another use	e a.
atasheet is true a	ind accurat	e.		۱۹ انگلال	o5	on this CAA





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#:			Site Location I	Description:	
Site GPS Coordinates: 🛶		.96758	72.56	36	
Date & Time: 6/19/6	5 1430		Facility Name		
Personnel:			Permit Numbe	r:	
Current Weather Condition	ons: Clear		Weather Cond	itions for Past 7 days: 🦓 🗛 🛰	Clear last 5day:
Photo Ids: Upstream: 18		nstream: 12			
Jses Observed*:	1		· · · · ·		1
☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Box	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	□ Fisi	hing	None of the above	☐ Other:
Surrounding Condition tems of interest.)	is*: (Mark all that p	promote or im	pede recreationa	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC ∞	enservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	l forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	Steep slo	opes	Fother: Rural - (200pland
Evidence of Human Us	e*:				
☑ Roads	☐ Foot paths/pri	nts 🗆 🗆 I	Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Site:	s □ I	Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
D'Other: TESSH				-	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

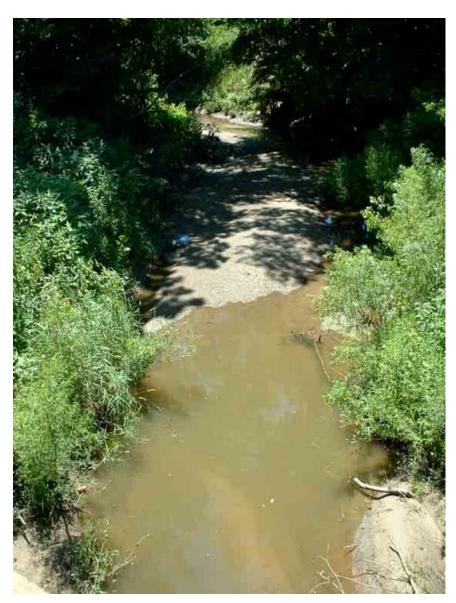
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Page Two - Data Sheet B for WBID # 0441-002:

⊐ Riffle Wid	th (ft):		nensions: Length (ft):	Avg. I	Depth (ft):		Мах. Дери	(ft):
	th (ft):		Length (ft):	Avg. l	Depth (ft):		Max. Depth	(ft):
Pool Wid	th (ft):	12'	Length (ft):	150' Avg. 1	Depth (ft):	0.3	Max. Depth	(ft): o. T'
₹Flow Pres	ent?	□ Yes	Ø100		ated (ft³/sec):	-		
ownstream '	View Pl	hvsical i	Dimensions:					
	th (ft):		Length (ft):	Avg.	Depth (ft):		Max. Depth	(ft):
Run Wid	th (ft):	э'	Length (ft):	ເລວ໌ Avg. l	Depth (ft):	0.1	Max. Depth	(ft): p. 3
Pool Wid	th (ft):	12,	Length (ft):	as Avg.	Depth (ft):	0.4	Max. Depth	(ft): \(\sum_{\text{'}}\)
Flow Pres	ent?	☑ Yes	□ No	Estim	ated (ft³/sec):	ረ ነ ውና	5	
% Cot	ble	%	dd up to 100%.) Gravel 30	% Sand or algai growth at t		Silt ao	% Mud/Clay	% Bedroo
3 ^{J6}	* 15 K	55 m	South Brown	WILL STEEL				
ter Characte	ristics*		all that apply.)					
Odor:	□ S	': (Mark : Sewage	all that apply.)	☐ Chemical			Other:	
Odor: Color:	□ s	: (Mark : Sewage Clear	oll that apply.) ☐ Musky ☐ Green	☐ Chemical		filky	□/Other:	ত্যকথ
Odor: Color: Bottom Deposi	□ s G2/0	: (Mark : Sewage Clear Sludge	□ Musky □ Green □ Solids	☐ Chemical☐ Gray☐ Fine sedia	□ N ments □ N	filky	Other:	<i>সং</i> নহা
Odor: Color: Bottom Deposit Surface Deposi mments: Plea is information is	Se attac	: (Mark : Sewage Clear Sludge Oil ch additi	In that apply.) Musky Green Solids Soum Onal comment	☐ Chemical	ments \(\sim \) N Commation for designation commutation is no	one om interv but rather is	Other: Other: Other: iews) to this to provide a magnitude of the directly influ	form.
Odor: Color: Bottom Deposit Surface Deposi mments: Plea is information is prehensive under	se attace	E (Mark a Sewage Clear Sludge Dil Ch additi e used sol g of water analysis	Musky Green Solids Soum onal comment ely for removal or conditions. Con but may point to	☐ Chemical ☐ Gray ☐ Fine sedin ☐ Foam s (including infine a recreational usequently, this inficonditions that netering the conditions that the conditions the condit	ments Normation formation is need further analysis edge, that a	filky one om interv but rather is of intended dlysis or that	Other: Other: Other: iews) to this to provide a nation directly influted the control of the cont	form. nore ience a use. ted on this UAA
Odor: Color: Bottom Deposit Surface Deposit mments: Please is information is prehensive undersion on the recreate	se attace	E (Mark a Sewage Clear Sludge Dil Ch additi e used sol g of water analysis	Musky Green Solids Soum onal comment ely for removal or conditions. Con but may point to	☐ Chemical ☐ Gray ☐ Fine sedin ☐ Foam s (including infine fa recreational usequently, this inficonditions that ne	ments Normation formation is need further analysis edge, that a	filky one om interv but rather is of intended dlysis or that	Other: Other: Other: iews) to this to provide a nation directly influted the control of the cont	form. nore ience a use. ted on this UAA





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 04	41-00		Site Location De	scription:	
Site GPS Coordinates: u		3,97728	" FOREST V	AVE BIR	
Date & Time: 6/9/	05 1405	hrs:	Facility Name:		
Personnel:			Permit Number:		
Current Weather Conditi	ions:		Weather Conditi	ons for Past 7 days: Rasm	- Cleur last 5 days
Photo Ids: Upstream:	00-0015 Dow	nstream: 🗤 🔾	Other		-
Uses Observed*:					
☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surting	☐ Kayaking	□Во	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fis	hing	☐ None of the above	☐ Other:
Surrounding Conditio	ns*: (Mark all that p	promote or in	npede recreational u	uses. Attach photos of eviden	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC ∞	onservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ Nationa	l forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep sl-	opes	Other: Rural - C	Jameland
Evidence of Human U	se*:				
Roads	☐ Foot paths/prin	nts 🗀 1	Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	3 🗆	Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other:					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 0991-003:

pstream View	m·	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)):
_ Idino	· · · · · · · · · · · · · · · · · · ·			(B):	Max. Depth (ft	
C. Icus	· ·	Length (ft):	Avg. Depth	-0.1	Max. Depth (ft)	0.4
Pool Width Flow Presen		□ No	Estimated (f	3/200	<u>.</u>	<u></u>
Frow Presen	./ Les			1/2ec). 410	C45	
ownstream Vi	w Physical	Dimensions:				
☐ Riffle Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
⊠ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft): 0,2
Pool Width	(ft): ¬1'	Length (ft):	Avg. Depth	(ft): _{0,2}	Max. Depth (ft): ०.ड
Flow Presen	t? 🖫Yes	□ No	Estimated (f	t³/sec):	ર્સ દ	
جارت الملاحظة الملاح	itics*: (Mark	all that apply.)	aigal growth at the assu	☑ None	Other:	
جارت الماري الم	tics*: (Mark	all that apply.) Musky Green	□ Chemical	☑ None	☐ Other: ☐ Other:	
جارت الملاحظة الملاح	itics*: (Mark	all that apply.)	□ Chemical	☑ None	☐ Other:	
ster Charactericodor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no aprehensive undersitation on the recreation	Sewage Clear Sludge Oil attach addite to be used scanding of wate on use analysis, hereby af	all that apply.) Musky Green Solids Soum tional comments blely for removal of er conditions. Consess but may point to c	☐ Chemical ☐ Gray ☐ Fine sediments	✓ None Milky None None tion from intendent is not intendent analysis or	Other: Other: Other: or other:	e ce a e.
der Charactericodor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive understation on the recreation on the recreation of the undersigned tasheet is true a	Sewage Clear Sludge Oil attach addite to be used scanding of wate on use analysis, hereby af	all that apply.)	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including informate a recreational use designments), this information oditions that need furth of my knowledge,	✓ None Milky None None tion from intendent is not intendent analysis or	Other: Other: Other: other: terviews) to this for the control of t	e ce a e.





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 0 44	41-004		Site Location De	escription:	
Site GPS Coordinates:		 პ.	98 ISLE A	LYE BR	
Date & Time: 6/19/6			Facility Name:		
Personnel:)		Permit Number:		
Current Weather Condit	ions: Clear	• • • • • • • • • • • • • • • • • • • •	Weather Conditi	ions for Past 7 days: RACO.	- Clean Last 5 days
Photo Ids: Upstream:		vnstream	Othe		
	<u> </u>				
ses Observed*:		F_		1	
☐ Swimming	Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	Rafting
☐ Hunting	☐ Trapping	Lg	Fishing	None of the above	Other:
					ļ
_	ons*: (Mark ali that	promote	or impede recreational	uses. Attach photos of eviden	nce or unusual
tems of interest.)		1	or impede recreational	uses. Attach photos of eviden	nce or unusual Campgrounds
tems of interest.) City/county parks	☐ Playgrounds	□ мп			
tems of interest.)		□ MI	OC conservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
cems of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	□ MI	OC conservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
tems of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	□ MI □ Na □ Ste	OC conservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
tems of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign Evidence of Human U	☐ Playgrounds ☐ State parks ☐ Fence	□ MI □ Na □ Ste	OC conservation lands tional forests ep slopes	☐ Urban areas ☐ Nature trails ☐ Other: Rugal- P	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

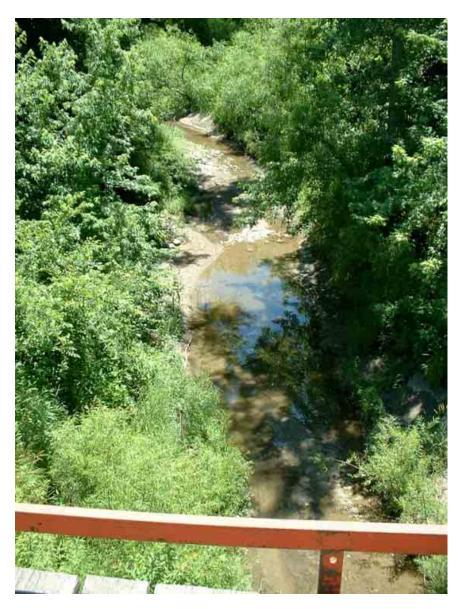
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Page Two - Data Sheet B for WBID # 0 441.004:

	ı (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
□ Run Width	ر (ft): ا	Length (ft):	Avg. Depth (ft): 40.1	Max. Depth (ft):	 \
□ Pool Width		Length (ft):	Avg. Depth (Max. Depth (ft):	
Tiow Preser	nt?	□ No	Estimated (ft	³ /sec): داد۲۰	3	
Downstream Vi	iew Physical	Dimensions:				
☐ Riffle Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run Width	ı(ft): ຮ′	Length (ft): a:	5' Avg. Depth (ft): O. 1	Max. Depth (ft):	g. Z
Pool Width		- 4 .4 .	a' Avg. Depth ((ft): 0-2	Max. Depth (ft):	0.5
☑ Flow Presen		□ No	Estimated (ft	3/sec): <10.9	5	
، عدن عدن	عرب عصور					
	on*: (note amou مرجم المساحمة على المساحمة المس	all that apply.)				
Ater Characteri		all that apply.)	☐ Chemical	⊡ None	☐ Other:	
ater Characteri	istics*: (Mark		☐ Chemical	☐ None ☐ Milky	Other:	
odor:	istics*: (Mark	☐ Musky	····			
Odor: Color: Bottom Deposit: Surface Deposit:	istics*: (Mark Sewage Clear Sludge Oil	☐ Musky ☐ Green ☐ Solids ☐ Seum	☐ Gray ☐ Fine sediments ☐ Foam	☐ Milky ☐ None ☐ None	Other: Other: Other:	
Odor: Color: Bottom Deposit: Surface Deposit: Imments: Please This information is not inprehensive undersition on the recreation on the recreation.	istics*: (Mark Sewage Studge Oil e attach addition to be used so standing of water tion use analysis d, hereby aff	☐ Musky ☐ Green ☐ Solids ☐ Scum ional comments (lely for removal of a r conditions. Consect s but may point to con irm to the best of	Gray Fine sediments Foam including informat recreational use design quently, this informatic nditions that need furth f my knowledge, (☐ Milky ☐ None ☐ None ion from intermation but rather ion is not intended her analysis or the	Other: Other: Other: views) to this form. is to provide a more to directly influence a at effect another use.	





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 6	441-005		Site Location	Description:		
Site GPS Coordinates:		93.970	المركب	2 BB		
Date & Time: 6/19/0	05 13151		Facility Nam	e:		-
Personnel:)		Permit Numl			
Current Weather Cond	itions: CLEAR		Weather Con	ditions for Past 7	days: Rese	W- CKWR 1941 5d
Photo Ids: Upstream:	100-0011 Dow	/nstream;		ther:		
Uses Observed*:	1			<u> </u>		
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing		☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading		Rafting
☐ Hunting	☐ Trapping		Fishing	☐ None of		Other:
Surrounding Conditi	ons*: (Mark all that	promote or	· impede recreation	nal uses. Attach ph	otos of evide	nce or unusual
items of interest.)	ons*: (Mark all that	1	impede recreation		•	nce or unusual Campgrounds
		□ мрс			reas	Ţ
City/county parks	☐ Playgrounds	□ мрс	conservation land	is Urban a	reas	☐ Campgrounds
☐ City/county parks ☐ Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC	conservation land	is Urban a	reas	☐ Campgrounds ☐ Stairs/walkway
☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC	conservation land	is ☐ Urban a☐ Nature t☐ Other:	reas	☐ Campgrounds ☐ Stairs/walkway
City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence Use*:	☐ MDC Natio	conservation land mal forests slopes	Urban a Nature t YOther:	reas rails Rwal - Fe	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 0441-005:

Riffle Width	(ft): 3	' Leng	th (ft):	10'	Avg. Depth (ft): <0.1	Max. Depth (ft): o \
□ Run Width	(ft):	Leng	th (ft):		Avg. Depth (Max. Depth (ft):
⊒-Pool Width	(ft): 15	Leng	th (ft):	190	Avg. Depth (ft): 40.1	Max. Depth (ft): 0.3'
Flow Preser			· 		Estimated (ft	³ /sec): <u>~1</u>	cfs	<u> </u>
ownstream Vi	ew Physic	al Dimen	sions:					
Riffle Width			gth (ft):		Avg. Depth (ft):	Max. Depth (ft):
Run Width	(ft):	Leng	gth (ft):		Avg. Depth (ft):	Max. Depth (
⊋Pool Widtl	(ft): 15	Leng	gth (ft):	40	Avg. Depth ((ft): 0.2	Max. Depth (ft): 0.5
Flow Preser	st7 🗆 Y	es ⊡ ∕Ño	-		Estimated (fi	3/sec):		
	e n*: (note a	% Gravel	etation o				% Mud/Clay	% Bedrock
ter Character	n*: (note a	mount of ver	getation of	or algal gr	owth at the asse	ssment site)	☐ Other:	
ter Character	n*: (note a	ark all that a	getation o	or algal gr	owth at the asse			
ter Charactericolor:	n*: (note a	ark all that a	pply.)	or algal gro	owth at the asse	ssment site)	☐ Other:	
ter Character	n*: (note a	ark all that a	pply.) Musky Green	or algal gro	owth at the asse	ssment site) Shone Milky	☐ Other:	
ter Charactericodor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is a prehensive unders	stics*: (M Sewage Clear Sludg Oil attach adout to be used tanding of vion use analytics.)	ark all that a c	pply.) Musky Green Solids Scum omment emoval of ons. Control point to	algal grade of a recreatisequently condition	Chemical Gray Fine sediments Foam Ling informational use designents informations that need further	None None None None nation but rather is not intended analysis or	Other:	form. ore ence a





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: OH	11-006		Site Location De	scription:	
Site GPS Coordinates: 3		3,955	(SS 235+1/2 5	57 BR	
Date & Time: 6/19/0) hcs	Facility Mama	· · ·	
Personnel:		•	Permit Number:		
Current Weather Condition	ons: Cleme		Weather Condition	ons for Past 7 days: Ras	w - Clear 1931 5 de
Photo Ids: Upstream:		vnstream	100-0010 Other		
ses Observed*:	Т			T	1
☐ Swimming	Skin diving	Ç	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing	None of the above	☐ Other:
-	15*: (Mark all that	promote	or impede recreational u	ises. Attach photos of evide	nce or unusual
-	ns*: (Mark all that	- -	or impede recreational u	ises. Attach photos of evide	nce or unusual
tems of interest.)	· · · · · · · · · · · · · · · · · · ·	Ом	<u> </u>	T:···	_
	☐ Playgrounds	□ MI	C conservation lands—	Urban areas	☐ Campgrounds ☐ Stairs/walkway
tems of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	□ MI	C conservation lands—tional forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
city/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MI	C conservation lands—tional forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
tems of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign Evidence of Human Us	☐ Playgrounds ☐ State parks ☐ Fence	☐ MI☐ Nai	OC conservation lands—tional forests ep slopes	☐ Urban areas ☐ Nature trails ☐ Other: Rural - CO	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

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Page Two - Data Sheet B for WBID # OHALL GOD:

☐ Pool Wid	th (ft):		Avg. Depth (IV).	Max. Depth (
Tow Pres	th (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth	(ft):
		Length (ft): as	Avg. Depth (ft): 0-1	Max. Depth	(ft): 6.5
loumetrasm \	ent? Yes	□ No	Estimated (ft	3/sec):	۲۹	
	View Physical I	Dimensions:				
	th (ft): 8	t	Avg. Depth (ft): o.l	Max, Depth	(ft): 9-2
□ Run Wid	th (ft):	Length (ft):	Avg. Depth (Max. Depth	(ft):
☑ Pool Wid	ith (ft): 80'	Length (ft):	Avg. Depth (ft): 0_1	Max. Depth	(ft): 0,5
☐ Flow Pres	ent? TYes	□ No	Estimated (ft	³ /sec):	<u>्</u> रिड	
≤ % Cob	se values should ad ible 10 %	Gravel 10	% Sand ชร	% Silt	% Mud/Clay	≽⇔ % Bedroc
iatic Vegetat	ion*: (note amour	it of vegetation or a	ilgal growth at the asse	ssment site)		
staget al 3 de	19 James of Stanson	<u> </u>				
ter Characte	ristics*: (Mark al	II that apply.)				
Odor: 1	☐ Sewage	☐ Musky	☐ Chemical	☑ None	Other:	
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	Other:	
Bottom Deposit	: 🗆 Sludge	☐ Solids	Fine sediments	☐ None	Other:	
····	: □ Oil	☐ Scum	☐ Foam	☑ None		





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 044	1-007		Site Location De	scription:		
Site GPS Coordinates: 3		3.93718	35012 57	<i>3</i> € :		
Date & Time: 6/4/0	5 1310 h		Facility Name:			
Personnel:			Permit Number:			
Current Weather Condition	ons: Cleage		Weather Condition	ons for Past 7 days: Rese	o - Clem <u>e 1904</u> 5d	
Photo Ids: Upstream:		nstream: 100				
es Observed*:	T					
☐ Swimming	☐ Skin diving	U \$C	UBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Bo	ating	☐ Wading	Rafting	
☐ Hunting	☐ Trapping	☐ Fis	hing	None of the above	☐ Other:	
-	18*: (Mark all that p	promote or in	npede recreational u	uses. Attach photos of evider		
-	15*: (Mark all that p □ Playgrounds	· -	npede recreational u	ises. Attach photos of evider	nce or unusual Campgrounds	
ns of interest.)		· -	onservation lands		T	
ns of interest.) City/county parks	☐ Playgrounds	☐ MDC co	onservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/waikway	
ms of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	onservation lands	☐ Urban areas☐ Nature trails	☐ Campgrounds ☐ Stairs/waikway	
ms of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	onservation lands	☐ Urban areas☐ Nature trails	☐ Campgrounds ☐ Stairs/waikway	
ms of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co ☐ Nationa ☐ Steep sl	onservation lands il forests opes	Urban areas Nature trails Other: Ruem - C	☐ Campgrounds ☐ Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 0441-007:

Upstream View	th (ft):	ر ُجا	Length (ft):	৬ হ০',	Avg. Depth (ft): <0.1	Max, Depth (ft)	160
	th (ft):		Length (ft):	1	Avg. Depth (Max. Depth (ft)	
	th (ft):		Length (ft):		Avg. Depth (ft):	Max, Depth (ft)	1
Flow Pres	ent?	☑-Yes	□ No		Estimated (ft	³/sec):		
Downstream \							Mary David (D)	
	th (ft):	12'	Length (ft):	<u>_</u>	Avg. Depth (Max. Depth (ft)	<u></u>
⊠ Run Wid	th (ft):	3 ′	Length (ft):		Avg. Depth (Max. Depth (ft)	
☑ fool Wid	lth (ft):	30°	Length (ft):	<u>as′</u>	Avg. Depth (Max. Depth (ft)): <u>0.5</u>
Flow Pres	ent?	☑∕Yes	□ No		Estimated (ft	³ /sec):	10°5	
5 % Cob	ble	10 %	Gravel 3 c	5 % San	<u>৫ 55</u>	% Silt	% Mud/Clay	% Bedroc
uatic Vegetat			int of vegetation	or algal gro	wth at the asse	ssment site)	 , . 	
ater Characte	ristics*				wth at the asse	ssment site)	☐ Other:	
ater Characte	ristics*	; (Mark ewage	all that apply.)		nemical		☐ Other:	
ater Characte	ristics*	; (Mark ewage	all that apply.) □ Musky	□ cı □ G	nemical	₩None		
ater Characte Odor: Color:	ristics*	: (Mark ewage lear	all that apply.) Musky Green	□ cı □ G	nemical ay ne sediments	☑-None	☐ Other:	
ater Characte Odor: Color: Bottom Deposit Surface Deposit omments: Plea this information is mprehensive unde	ristics* S S S S S S S S S S S S S S S S S S	: (Mark ewage lear ludge bil h additi used soil of water analysis	all that apply.) Musky Green Solids Scum Indicate the second transpoint to the best in the second transpoint to the best in the second transpoint to the second transpoint transp	☐ Cl ☐ Go ☐ Fo Its (including a recreation as equently, o conditions	ne sediments am ng informat onal use design this information	None None None ion from intended in the contraction of the contraction of the contraction is not intended in analysis of the contraction of the co	☐ Other:	e ce a e.
ater Characte Odor: Color: Bottom Deposit Surface Deposit omments: Plea this information is mprehensive under cision on the recre the undersign	ristics* S S S S S S S S S S S S S S S S S S	: (Mark ewage lear ludge bil h additi used soil of water analysis	all that apply.) Musky Green Solids Scum Indicate the second transpoint to the best in the second transpoint to the best in the second transpoint to the second transpoint transp	☐ Cl ☐ Go ☐ Fo Its (including a recreation as equently, o conditions	ne sediments am ng informat onal use design this informatic that need furti nowledge, f	None None None ion from intended in the contraction of the contraction of the contraction is not intended in analysis of the contraction of the co	Other: Other: Other: terviews) to this former is to provide a more ded to directly influence that effect another use	e ce a e.

